

SENSOR SPECIFICATION EN60947-5-2

Max Ambient Temperature	-25...+150°C
Sensor Size	M30
Nominal Sensing Distance (SN)	10mm EN-50010
Amplifier (Note 1*)	Built-In
Installation	Flush
Supply Voltage Range (Tech-Note 1*)	10...30 VDC
Rated Supply Voltage	24 VDC
No Load (I)	≤ 3mA
Output (PNP or NPN)	N.O. or N.C.
Max (I) Output (Tech-Note 2*)	150mA@24VDC
Max Switching Frequency	200Hz@150°C
Voltage Drop (Output)	≤ 1.8VDC
Repeatability	< 3% of SN
Hysteresis	3...15% of SN
Target LED (Tech-Note 4*)	
Connecting cable (Tech-Note 3*)	Silicone or PTFE
Connector Option	Yes
Environmental Protection	IP66
Fastener Torque Value	40Nm
Housing Material	1.4305 St Stl



***Notes...**

1. All sensor products that operate up to and including 180C are manufactured with a built in amplifier and come fully calibrated with no user adjustments required.

Tech-Note 1

This sensor incorporates reverse polarity protection.

Tech-Note 2

The output stage of the sensor is protected against overload and short circuit condition.

Tech-Note 3

All sensor products operate independent of cable length which may be altered to suit the application without any effect on calibration etc.

Tech-Note 4

If supplied with LED the operational temperature range is reduced to -25...+130C.

